



# DEPARTMENT OF WATER RESOURCES EXAMINATION ANNOUNCEMENT



The Department of Water Resources offers Equal Opportunity for all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

It is an objective of the State of California to achieve a drug-free State workplace. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

## SUPERVISING MECHANICAL ENGINEER, HYDRAULIC STRUCTURES OPEN SPOT FOR SACRAMENTO

**FINAL FILING DATE**    **October 12, 2012**

Application forms (STD 678 Rev. 6/2010) must be **postmarked** or submitted in person no later than the final filing date. Applications postmarked, or personally delivered after the final filing date **will not be accepted for any reason**. FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED.

### WHO SHOULD APPLY

Candidates who meet the minimum qualifications as stated below may apply for this examination. All applicants must meet the education and/or experience requirements as stated on the examination announcement.

### HOW TO APPLY

You must submit Examination Application (Form STD 678 Rev. 06/2010) by the final filing date, **October 12, 2012**.

Submit the completed Examination Application Form by mail or in person.

**MAILING ADDRESS:**

Department of Water Resources  
P.O. Box 942836  
Sacramento, CA 94236-0001

**OR**

**SUBMIT IN PERSON:**

Department of Water Resources  
1416 9th Street, Room 320  
Sacramento, CA 95814

**DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD OR**

**DEPARTMENT OF WATER RESOURCES' FIELD OFFICES.** Applications are available at Department of Water Resources' (DWR) offices, the DWR website: [www.water.ca.gov/jobs/currentexams.cfm](http://www.water.ca.gov/jobs/currentexams.cfm), local office of the Employment Development Department, and California Human Resources (CalHR) at [www.jobs.ca.gov](http://www.jobs.ca.gov) and click "My Profile."

### IDENTIFICATION REQUIRED

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

### SPECIAL TESTING ARRANGEMENTS

If you have a disability and need special testing arrangements, mark the appropriate box in Question 2 of the "Application for Examination". You will be contacted to make specific arrangements.

### SALARY RANGE

**\$8,097 - \$9,842**

### ELIGIBLE LIST INFORMATION

An open spot eligible list will be established for Sacramento for the Department of Water Resources. The lists will be abolished 12 months after they have been established unless the needs of the service and conditions of the list warrant a change in this period.

### EXAMINATION DATE

The entire examination will consist of a Qualification Appraisal Panel Interview. It is anticipated that the Qualification Appraisal Panel Interview will be held in December 2012/January 2013.

### REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

NOTE: All applicants must meet the minimum qualifications for this examination by the final filing date, **October 12, 2012**.

**Either I**

Possession of a valid certificate of registration as a Mechanical Engineer issued by the California State Board of Registration for Professional Engineers. (Candidates who submit proof that they have applied for registration will be admitted to the examination, but must possess a valid certificate of registration to be eligible for appointment.)

**And**

Experience: Six years of mechanical engineering experience, including at least three years in the design of mechanical features of major hydraulic projects, at least two years of which shall have been in a position of responsibility comparable to that of Senior Engineer in the California state service.

**And**

Education: Equivalent to graduation from college with major work in engineering. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.)

**SEE REVERSE SIDE FOR ADDITIONAL INFORMATION**

SUPERVISING MECHANICAL ENGINEER, HYDRAULIC STRUCTURES OPEN SPOT – SACRAMENTO		BULLETIN RELEASE DATE: September 28, 2012 FINAL FILING DATE: October 12, 2012	
POSITION DESCRIPTION	A Supervising Mechanical Engineer, Hydraulic Structures, supervises and directs the work of the mechanical staff of the Department of Water Resources engaged in the design and preparation of the plans and technical specifications for, and the construction/inspection of, the mechanical features of hydroelectric and other hydraulic projects, such as hydroelectric plant equipment, pumping plant equipment, including: pumps, turbines, valves gates and operating mechanisms, cranes and hoists, drainage systems, heating ventilating and cooling systems, oil storage and distribution systems, plumbing and compressed air systems; makes investigations; inspects installations for conformance with plans and specifications; reviews cost estimates and checks bids received; works with contractors, salespeople and others; trains employees, evaluates their work and takes or recommends appropriate action.		
Positions exist in Sacramento with the Department of Water Resources.			
EXAMINATION INFORMATION	This examination will consist of a <b>Qualifications Appraisal Interview</b> . In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. COMPETITORS WHO DO NOT APPEAR FOR THE INTERVIEW WILL BE DISQUALIFIED.		
SCOPE OF EXAMINATION	<b>Qualifications Appraisal Interview – Weighted 100.00%</b>  In addition to evaluating the competitors' relative abilities as demonstrated by quality and breadth of experience, emphasis in the examining interview will be on measuring competitively, relative to job demands, each competitor's:  <b>A. Knowledge of:</b>  <ol style="list-style-type: none"><li>1. Principles and practices of mechanical engineering.</li><li>2. Design, installation, and operation of the mechanical features of hydroelectric and other hydraulic projects, including hydroelectric plant equipment, pumping plant equipment, gates and operating mechanisms, cranes, hoists, drainage systems, heating, ventilating and cooling systems, oil storage and distribution systems, and compressed air systems.</li><li>3. Electrical features to the design, installation, and operation of mechanical features of hydroelectric and other hydraulic projects.</li><li>4. Principles of effective supervision.</li><li>5. Codes and safety orders applicable to such installations as listed above.</li><li>6. The Department's Equal Employment Opportunity objectives.</li><li>7. A manager's role in the Equal Employment Opportunity and the processes available to meet affirmative action.</li></ol> <b>B. Ability to:</b>  <ol style="list-style-type: none"><li>1. Make field investigations and direct or inspect field construction operations.</li><li>2. Review designs, specifications, and cost estimates for all types of hydroelectric projects.</li><li>3. Plan, organize, and direct the work of a staff.</li><li>4. Establish and maintain cooperative relations with those contacted in the work.</li><li>5. Analyze situations accurately and adopt an effective course of action.</li><li>6. Prepare engineering reports and correspondence.</li><li>7. Effectively contribute to the Department's Equal Employment Opportunity.</li></ol>		
VETERANS PREFERENCE	<b>Veterans Preference Credit</b> will not be granted in this examination, as it does not qualify as an entrance examination under the law.		

**GENERAL INFORMATION**

**The Department of Water Resources** reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

**Applications** are available at Department of Water Resources' (DWR) offices, the DWR website: [www.water.ca.gov/jobs/currentexams.cfm](http://www.water.ca.gov/jobs/currentexams.cfm), local office of the Employment Development Department, California Human Resources (CalHR), the CalHR website at [www.jobs.ca.gov](http://www.jobs.ca.gov) and click "My Profile".

**If you meet the requirements** stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification.

**Examination Locations:** When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Ordinarily, qualifications appraisal interviews are scheduled in Sacramento and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub divisional promotional, 2) departmental promotional, 3) multi departmental promotional, 4) service wide promotional, 5) departmental open, 6) open eligible list. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.

**Veterans' Preference Points:** California Law (Government Code 18971-18978) allows the granting of Veterans' Preference Points in Open entrance and Open, Non-Promotional entrance examinations. Veterans' Preference Points will be added to the final score of all competitors who are successful in these types of examinations, and who qualify for and have requested these points by mail. In Open entrance examinations, Veterans' Preference Points are granted as follows: 10 points for veterans, widows, and widowers of veterans, and spouses of 100% disabled veterans; and 15 points for disabled veterans. Employees who have achieved permanent State civil service status are not eligible to receive Veterans' Preference Points. Permanent State civil service status means the status of an employee who is lawfully retained in his/her position after completion of the applicable probationary period. This includes permanent intermittent, part-time, and full-time appointments. In addition, individuals who at any time achieved permanent State civil service status and subsequently resigned or were dismissed from State civil service are not eligible to receive Veterans' Preference Points. Veteran status is verified by the State Personnel Board (SPB). Directions to apply for Veterans' Preference Points are on the Veterans' Preference Application (STD. Form 1093) which is available at [www.spb.ca.gov](http://www.spb.ca.gov) or from the State Personnel Board, 801Capitol Mall, Sacramento, CA 95814 and the Department of Veterans Affairs.

**TDD** is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device. **California Relay Telephone Service** for the Deaf or hearing impaired: From TDD phones: 1-800-735-2929; From Voice phones: 1-800-735-2922.

**For information** regarding this examination, please contact Robert Frisk at (916) 651-6930.